



ATLAS WIRE LLC.
 9525 RIVER STREET
 SCHILLER PARK, ILLINOIS 60176
 (847) 678-1210
 (847) 678-1281 FAX
 www.atlaswirecorp.com



Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Schiller Park, IL 60176
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#22 7/30 TINNED COPPER 1/64" PVC
RoHS COMPLIANT
AWM STYLE 1569 105c-300v
AWM STYLE 1007 80c-300v VW-1 OR
CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v FT-1

CONDUCTOR: #22 7/30 TINNED COPPER 3/4" CONCENTRIC LAY
 NOMINAL O.D. .030"
 APPROXIMATE CIRCULAR MILL AREA 700
 WEIGHT PER THOUSAND FEET 2.20#
 BASIC SPECIFICATION ASTM B 8
 ASTM B 286

PVC: TEMPERATURE RATING UL1007 80c
 UL1569 105c
 VOLTAGE RATING 300 VOLTS
 ELONGATION 330% AVERAGE
 SPECIFIC GRAVITY 1.32
 DUROMETER (SHORE) 91 (A)
 TENSILE STRENGTH 2450 PSI AVERAGE
 OXYGEN INDEX 28
 BRITTLE POINT -24c
 SPARK TESTED 5,000 VOLTS
 FINISHED OD .062"
 WEIGHT PER THOUSAND FEET 3.60#

USE: INTERNAL WIRING OF APPLIANCES; OR WHERE
 EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING
 60c. WHERE NOT SUBJECT TO MOVEMENT OR
 MECHANICAL DAMAGE.
 600v PEAK FOR ELECTRONIC USE ONLY.

info@atlaswirecorp.com